

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| S1    | 2    | ("5886488").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>12:59 |
| S2    | 2    | "08110367"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>12:59 |
| S3    | 3    | "07215427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>12:59 |
| S4    | 6    | "2002010578"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>12:59 |
| S5    | 2    | ("20070258799").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>12:59 |
| S6    | 15   | S1 S2 S3 S4 S5   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>12:59 |
| S7    | 12   | ("3801959"   "3809988"   "4215410"  <br>"4263537"   "4318625"   "4414496"  <br>"4695016"   "4728871"   "4875005"  <br>"5012166"   "5506512").PN. OR<br>("5886488").URPN. | US-PGPUB;<br>USPAT; USOCR                   | OR               | OFF     | 2009/03/25<br>13:00 |
| S8    | 12   | S7 not S6  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>13:00 |
| S9    | 27   | S6 S8  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>13:01 |
| S12   | 3348 | (AKI YAMA-SHUJI.in. YUDATE-TOSHI HI RO.in. YAMADA-HI ROSHI.in. KAMEDA-NOBUHI RO.in.) not S9  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>13:19 |
| S14   | 7    | (AKI YAMA-SHUJI.in. YUDATE-TOSHI HI RO.in. YAMADA-HI ROSHI.in. KAMEDA-NOBUHI RO.in.) and "heavy object" not S9   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>13:20 |
| S15   | 34   | S9 S14   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/03/25<br>13:24 |

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| S16 | 7   | (AKIYAMA-SHUJI.in. YUDATE-TOSHIHIRO.in. YAMADA-HIROSHI.in. KAMEDA-NOBUHIRO.in.) and planet\$3 not S15  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>13:25 |
| S17 | 41  | S15 S16  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>13:26 |
| S18 | 20  | (AKIYAMA-SHUJI.in. YUDATE-TOSHIHIRO.in. YAMADA-HIROSHI.in. KAMEDA-NOBUHIRO.in.) and "test head" not S15  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>13:28 |
| S19 | 10  | ("4411587"   "4715775").PN. OR ("2008/0298948"   "4875005").URPN.  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>13:34 |
| S20 | 9   | S19 not (S17 S18)  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>13:34 |
| S21 | 48  | S17 S18 S20  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>13:37 |
| S26 | 17  | test adj head and planet\$3 not S21  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>13:45 |
| S27 | 65  | S21 S26  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>13:46 |
| S30 | 358 | test adj head with (swivel\$3 or swing \$3 or rotat\$3) not S27  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>13:48 |
| S31 | 2   | ("5886488").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S32 | 2   | "08110367"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S33 | 3   | "07215427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S34 | 6   | "2002010578"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S35 | 2   | ("20070258799").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S36 | 15  | S31 S32 S33 S34 S35  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S37 | 12  | ("3801959"   "3809988"   "4215410"   "4263537"   "4318625"   "4414496"   "4695016"   "4728871"   "4875005"   "5012166"   "5506512").PN. OR ("5886488").URPN. | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |

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| S38 | 12  | S37 not S36  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S39 | 27  | S36 S38  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S40 | 7   | (AKIYAMA-SHUJI.in. YUDATE-TOSHIHIRO.in. YAMADA-HIROSHI.in. KAMEDA-NOBUHIRO.in.) and "heavy object" not S39 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S41 | 34  | S39 S40  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S42 | 7   | (AKIYAMA-SHUJI.in. YUDATE-TOSHIHIRO.in. YAMADA-HIROSHI.in. KAMEDA-NOBUHIRO.in.) and planet\$3 not S41      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S43 | 41  | S41 S42  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S44 | 20  | (AKIYAMA-SHUJI.in. YUDATE-TOSHIHIRO.in. YAMADA-HIROSHI.in. KAMEDA-NOBUHIRO.in.) and "test head" not S41    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/25<br>15:07 |
| S45 | 10  | ("4411587"   "4715775").PN. OR ("2008/0298948"   "4875005").URPN.  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S46 | 9   | S45 not (S43 S44)  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S47 | 48  | S43 S44 S46  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S48 | 17  | test adj head and planet\$3 not S47  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S49 | 65  | S47 S48  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S50 | 358 | test adj head with (swivel\$3 or swing \$3 or rotat\$3) not S49  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S51 | 423 | S49 S50  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:07 |
| S53 | 4   | (414/684.3,589,590).ccls. and planet \$3 not S51   | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:16 |
| S54 | 427 | S51 S53  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:20 |
| S55 | 36  | (74/490.01,490.03,490.05).ccls. and planet\$3 not S54  | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/25<br>15:20 |
| S56 | 2   | ("5886488").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |

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| S57 | 2  | "08110367"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S58 | 3  | "07215427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S59 | 6  | "2002010578"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S60 | 2  | ("20070258799").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S61 | 15 | S56 S57 S58 S59 S60  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S62 | 12 | ("3801959"   "3809988"   "4215410"  <br>"4263537"   "4318625"   "4414496"  <br>"4695016"   "4728871"   "4875005"  <br>"5012166"   "5506512").PN. OR<br>("5886488").URPN. | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/26<br>05:47 |
| S63 | 12 | S62 not S61  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S64 | 27 | S61 S63  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S65 | 7  | (AKIYAMA-SHUJI.in. YUDATE-<br>TOSHIHIRO.in. YAMADA-HIROSHI.in.<br>KAMEDA-NOBUHIRO.in.) and "heavy<br>object" not S64   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S66 | 34 | S64 S65  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S67 | 7  | (AKIYAMA-SHUJI.in. YUDATE-<br>TOSHIHIRO.in. YAMADA-HIROSHI.in.<br>KAMEDA-NOBUHIRO.in.) and planet\$3<br>not S66  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S68 | 41 | S66 S67  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S69 | 20 | (AKIYAMA-SHUJI.in. YUDATE-<br>TOSHIHIRO.in. YAMADA-HIROSHI.in.<br>KAMEDA-NOBUHIRO.in.) and "test<br>head" not S66  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/03/26<br>05:47 |
| S70 | 10 | ("4411587"   "4715775").PN. OR<br>("2008/0298948"   "4875005").URPN.   | US-PGPUB;<br>USPAT; USOCR                   | OR | OFF | 2009/03/26<br>05:47 |

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| S71 | 9   | S70 not (S68 S69)  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S72 | 48  | S68 S69 S71  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S73 | 17  | test adj head and planet\$3 not S72                                | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S74 | 65  | S72 S73  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S75 | 358 | test adj head with (swivel\$3 or swing<br>\$3 or rotat\$3) not S74 | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S76 | 423 | S74 S75  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S77 | 4   | (414/684.3,589,590).ccls. and planet<br>\$3 not S76                | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S78 | 427 | S76 S77  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S79 | 36  | (74/490.01,490.03,490.05).ccls. and<br>planet\$3 not S78           | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S80 | 463 | S78 S79  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:47 |
| S81 | 49  | (901/19,23,25).ccls. and planet\$3 not<br>S80                      | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>05:50 |
| S83 | 512 | S80 S81  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/03/26<br>07:14 |

**3/ 27/ 2009 10:33:11 AM**

**C:\ Documents and Settings\ ebishop\ My Documents\ EAST\ Workspaces\ 10590176 - turning device for heavy object.wsp**